

<b>ADS Monitoring Site</b>			
<i>System</i>	<i>Sampling period</i>	<i>Sampling parameters</i>	<i>Sampling duration</i>
Tape meter	August 3, 2006 to August 23, 2006	Mineral acids	Continuous
Meteorological Systems (Sonic)	August 3, 2006 to August 23, 2007	Wind speed, direction temperature, relative humidity and barometric pressure	Continuous
ADS-Weekly Air Particulate Sampler	September 9, 2006 to April 4, 2007	Acid gases and fine particulates (PM 2.5)	24-hr samples 6 days per week
<b>TSP Monitoring Site</b>			
<i>System</i>	<i>Sampling period</i>	<i>Sampling parameters</i>	<i>Sampling duration</i>
Total Suspended Particulate matter (TSP) Samplers	December 22, 2006 to August 22, 2007	Total suspended particulate matter	24-hour samples every third day
Meteorological Systems (Crossarm)	August 23, 2007 & continuous	Wind speed, direction temperature, relative humidity and barometric pressure	Continuous
<b>Off-Axis Monitoring Site</b>			
<i>System</i>	<i>Sampling period</i>	<i>Sampling parameters</i>	<i>Sampling duration</i>
ADS-Weekly Air Particulate Sampler	January 19, 2007 to April 4, 2007	Acid gases and fine particulates (PM 2.5)	24-hr samples 6 days per week
Total Suspended Particulate matter (TSP) Samplers	January 24, 2007 to August 22, 2007	Total suspended particulate matter	24-hour samples every third day
Meteorological Systems	January 19, 2007	Wind speed, direction temperature, relative humidity and barometric pressure	Continuous

***Table 2. Site Configurations***

### **1.2.3 Sampling Study Chronology**

The air monitoring study began on August 3, 2006 with the installation of the Zellweger tape meter for detecting mineral acids and meteorological sensors at the initial site, identified as the ADS Monitoring Site. Sampling for acid gases and fine particulates using a Weekly Air Particulate Sampler with Annular Denuders (ADS) commenced on September 9, 2006. ADS collected 24-hour samples from September 9, 2006 to April 4, 2007 on a six-day per week sample schedule.